



### **1. FANFARO – Winter triticales variety**

#### **HODOWLA ROŚLIN STRZELCE Sp. z o.o. IHAR Group**

FANFARO winter triticales is distinguished by its very stable and high yield potential. Compared to other varieties of triticales, it is also distinguished by the highest frost resistance of this species, very good resistance to pre-harvest lodging and the highest resistance to grain sprouting in the ear. Good disease resistance reduces the need to use plant protection products. FANFARO also has the highest protein content in grain among all varieties. Good tolerance to soil acidification makes this variety cope perfectly even in poorer locations.



### **2. Jowisz – Edible pea**

#### **Poznańska Hodowla Roślin Sp. z o.o.**

Jowisz is the latest variety of pea that was bred by Poznańska Hodowla Roślin [Poznań Plant Breeding]. It is a general-use variety, characterised by shortened stems and tendrils. It is distinguished primarily by abundant harvests even in various weather conditions and on various types of soil. The high yield is the result of high seeding of the plants (up to 7 pods on one plant) and increased resistance to pod cracking, which reduces losses during harvesting and is particularly important in drought conditions and when the harvest time is delayed.



### 3. GULDEN – Hybrid winter rye

**DANKO Hodowla Roślin Sp. z o.o.**

Gulden F1 winter rye is a high-yielding variety, suitable for poor soils (very well-developed root system) and in intensive cultivation technology (very good resistance to lodging). High resistance to diseases, especially snow mould, DTR, brown rust, stem rust and leaf rust. It has coarse grains and the highest protein content of all hybrid varieties, which makes it suitable for milling and baking purposes and for fodder. Very good tillering ability.



### 4. HEROICO – Winter triticale variety

**HODOWLA ROŚLIN STRZELCE Sp. z o.o. IHAR Group**

Currently, the most fertile variety of winter triticale in Poland. It is characterised by very high resistance to powdery mildew, yellow rust and fusariosis wilt (ear blight). Resistance to fusariosis wilt guarantees the safety of cultivation in monoculture and after corn. The unrivalled combination of earliness, short plants and high winter hardiness ensures reliable cultivation in various soil and climatic conditions. It is distinguished by compact ears and very high spikelet fertility, which, combined with a very high weight of 1,000 grains, ensures high grain yields.



### 5. Longina

**HODOWLA ZIEMNIAKA ZAMARTE Spółka z o.o. IHAR Group**

Longina – the first Polish potato variety for the production of French fries approved by a professional producer. Longina, as its name suggests, forms large, oval-oblong tubers, equal in size, with very shallow eyes. It is distinguished by excellent quality parameters, which allows you to fry light-coloured fries. Longina is also easy to grow as a commercial plant. The short growing season of this variety allows the factory to start the campaign early.



## 6. Kulig – White lupine

### Poznańska Hodowla Roślin Sp. z o.o.

Kulig is an early variety of white lupine with high and stable yields. The seeds are extremely rich in protein, which allows you to obtain an impressive yield of total protein per hectare – up to 1.5 tons! This high level of protein combined with a minimal alkaloid content guarantees excellent feed properties. The seeds can also be used to produce valuable oil due to the balanced composition of unsaturated fatty acids. Kulig yields high and stable, which was confirmed in registration tests (111% of the COBORU standard) and is very resistant to fusarium wilt and anthracnose.



## 7. Mefisto – Field pea

### Hodowla Roślin Smolice Sp. z o.o. IHAR Group

Mefisto – a variety of field pea from the latest genetic line of Hodowla Roślin Smolice [Smolice Plant Breeding]. It is characterised by a very high and stable level of yield over many years, while being tolerant to cultivation on borderline soils for peas. It is a tall variety and has one of the highest resistance to lodging before harvesting, which makes it easy to grow and harvest. Recommended for cultivation for seeds and catch crops throughout the country.



## 8. METRO – Winter triticale

### DANKO Hodowla Roślin Sp. z o.o.

METRO winter triticale is a record-breaking and stable yielding variety. Perfect on medium quality soils – classes 3a-4b. Medium short with very high stiffness, predestined for intensive agricultural technology. Excellent resistance to diseases, especially: powdery mildew, brown rust, glume blight, rhinchosporiosis and ear blight. High frost resistance (-5.5°C). It has very coarse grains (MTZ about 40-45g) with a high protein content. High resistance to fouling and excellent tillering properties.





## 9. MHR Samuraj – Spring oats

### Małopolska Hodowla Roślin Sp. z o.o.

MHR Samuraj – A variety of oats that, thanks to their low height, fit perfectly as a component of cereal mixtures. Resistance to lodging and high tolerance to diseases such as powdery mildew and brown rust make MHR Samuraj an ideal choice for those who want to reduce the use of plant protection products. With MHR Samuraj you save not only on plant protection products, but also gain grain with high technological value thanks to the low hull content. This grain is versatile – ideal for human nutrition, as fodder, and for use in industry. But that's not all! MHR Samuraj has strong phytosanitary properties and its presence improves soil conditions, reducing the occurrence of weeds and inhibiting the development of pathogens. By choosing MHR Samuraj, you not only benefit from grain production, but also improve the profitability of the entire production cycle, especially in crop rotations dominated by winter cereals. Choose MHR Samuraj – a variety that will bring you abundant harvests and satisfaction from growing.



## 10. Provita – Truffle potato variety

### HODOWLA ZIEMNIAKA ZAMARTE Spółka z o.o. IHAR Group

Provita – is the first Polish potato variety with purple flesh. It contains anthocyanins, which have a beneficial effect on the human body. They extinguish free oxygen radicals, thus protecting DNA against damage. They have a protective effect in cancer diseases. Tubers in the Provita variety contain 6-7 times more of these compounds than the light-fleshed potato varieties. Among the truffle varieties available on the market, Provita is the most adapted to the Polish climate.



## 11. Essa – Winter wheat

### Poznańska Hodowla Roślin Sp. z o.o.

The Essa winter wheat variety is characterised by the best, exceptionally high and stable yield in COBORU tests, regardless of changing environmental and climatic conditions, and most importantly, this was also confirmed in drought conditions. COBORU yield pattern. Almost all grain quality parameters place Essa in quality groups E and A. Our own research has shown that reducing the sowing amount did not have a significant impact on the decline in yields, which may reduce the costs of sowing.



## 12. ALEGORIA – Common winter wheat

### DANKO Hodowla Roślin Sp. z o.o.

Alegoria: winter wheat with record high and stable yields. It copes very well with drought and high temperatures. It is DANKO breeding's response to changing climatic conditions! High resistance to diseases allows limiting the use of fungicides, and thus reducing production costs. Perfect for milling and baking purposes. Medium earliness and uniform ripening favour easy harvesting. It is a single ear variety.



## 13. SOVA – Winter wheat variety

### HODOWLA ROŚLIN STRZELCE Sp. z o.o. IHAR Group

The key feature of the SOVA variety is the combination of high and stable yield potential with a high level of winter hardiness, which ensures high safety in cultivation. It belongs to the group of low-cost varieties and is characterised by an outstanding level of disease resistance. It has very good resistance to lodging and the highest resistance to grain fouling. It has increased tolerance to low soil pH. It is intended for cultivation in good, mosaic and weaker sites. It has very good purchasing and quality parameters.

